

Docket No. 790086.405USPC
 Inventors: Hideo EMA et al.
 Express Mail No. EV 449563232US

10/507343

1/6

Figure 1A

HWIP-1	1	MAARRAAPPAA--	RLWSII	ECIIIL	LRADAGOR	PEESLYI	WIDAHQAR	VLLIGFEEDILL	57
HWIP-1	1	MAARRAAPPAA--	RLWSII	ECIIIL	LRADAGOR	PEESLYI	WIDAHQAR	VLLIGFEEDILL	57
XWIP-1	1	MAARRAAPPAA--	RLWSII	ECIIIL	LRADAGOR	PEESLYI	WIDAHQAR	VLLIGFEEDILL	57
XWIP-1	1	MSLTGYHAP--	IC	ELFLF	IUAHADA	GOED-EL	WIDAHQAR	VLLIGFEEDILL	52
ZWIP-1	1	MA--ERTHEVQ	IKACVILL	EGGILEP	AYQERGITA	WIDAHQAR	VLLIGFEEDILL	55	
HWIP-1	58	VSIEGKMA	PFTTHDFRKA	QORMPA	IPVNIHSM	NFTWQ	AGQAEY	FYEFLSLRSLDKGINADE	117
HWIP-1	58	VSIEGKMA	PFTTHDFRKA	QORMPA	IPVNIHSM	NFTWQ	AGQAEY	FYEFLSLRSLDKGINADE	117
IWIP-1	58	VSIEGKMA	PFTTHDFRKA	QORMPA	IPVNIHSM	NFTWQ	AGQAEY	FYEFLSLRSLDKGINADE	117
XWIP-1	53	VSIEGKMA	PFTTHDFRKA	QORMPA	IPVNIHSM	NFTWQ	AGQAEY	FYEFLSLRSLDKGINADE	112
ZWIP-1	56	VSIEGKMA	PFTTHDFRKA	QORMPA	IPVNIHSM	NFTWQ	AGQAEY	FYEFLSLRSLDKGINADE	115
HWIP-1	118	TVNVPLL	GVPHKASV	VQVGF	CLGKQD	GVAAFE	VNVIVANSE	GNVILLRTPQNAIFFKTC	177
HWIP-1	118	TVNVPLL	GVPHKASV	VQVGF	CLGKQD	GVAAFE	VNVIVANSE	GNVILLRTPQNAIFFKTC	177
IWIP-1	118	TVNVPLL	GVPHKASV	VQVGF	CLGKQD	GVAAFE	VNVIVANSE	GNVILLRTPQNAIFFKTC	177
XWIP-1	113	TVNVPLL	GVPHKASV	VQVGF	CLGKQD	GVAAFE	VNVIVANSE	GNVILLRTPQNAIFFKTC	172
ZWIP-1	116	TVNVPLL	GVPHKASV	VQVGF	CLGKQD	GVAAFE	VNVIVANSE	GNVILLRTPQNAIFFKTC	175

Docket No. 790086.405USPC
Inventors: Hideo EMA et al.
Express Mail No. EV 449563232US

10/507343

2/6

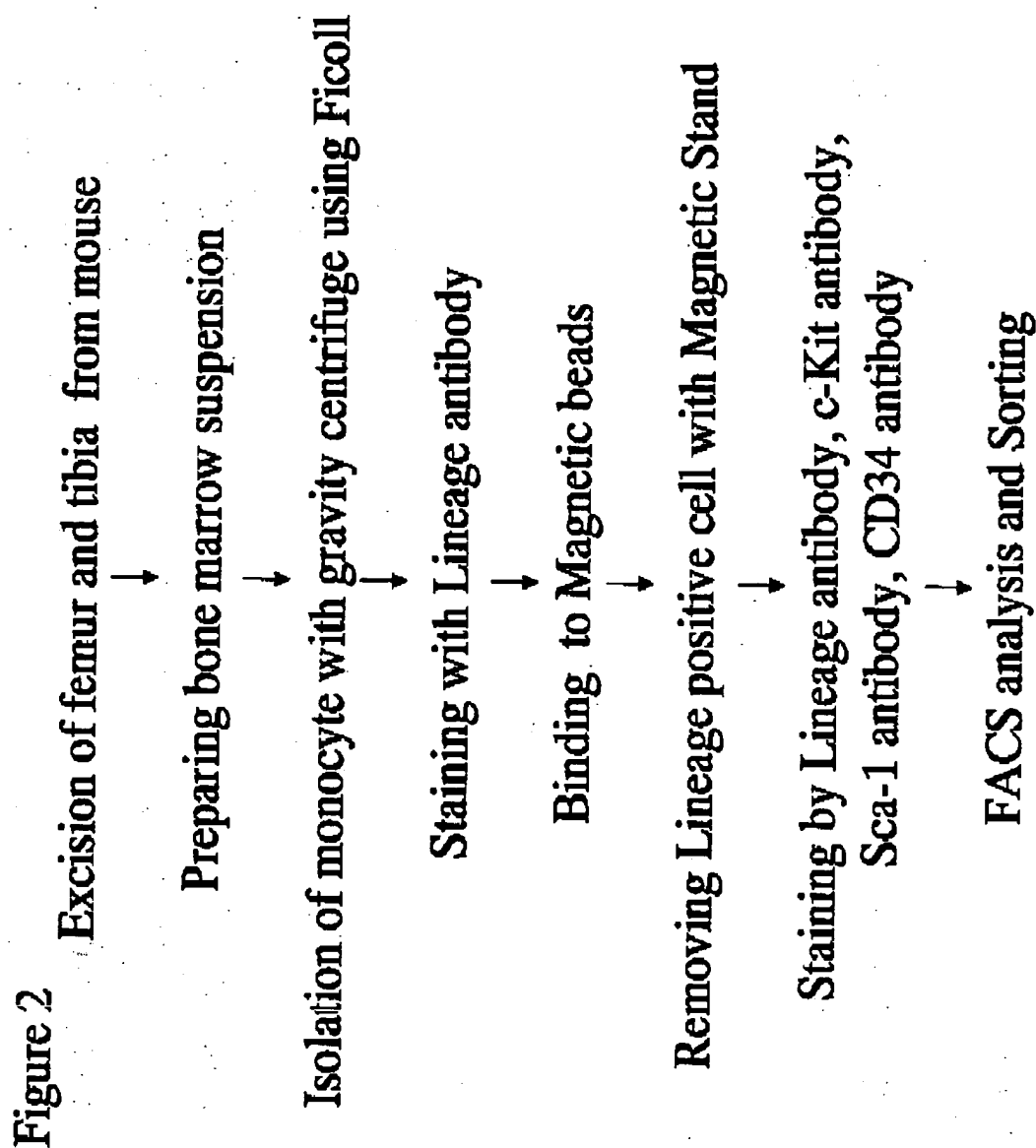
Figure 1B

mwIP-1	178	QQAECPCGCRNGGFCNERRVCEBPCDGFYGFHCEKALQIPRCANGGLCVTPGFCICPPGFF	237
hwIP-1	178	LQAECPCGCRNGGFCNERRVCEBPCDGFYGFHCEKALQIPRCANGGLCVTPGFCICPPGFF	237
rwIP-1	178	QQAECPCGCRNGGFCNERRVCEBPCDGFYGFHCEKALQIPRCANGGLCVTPGFCICPPGFF	237
xwIP-1	173	QQAECPCGCRNGGFCNERRVCEBPCDGFYGFHCEKALQIPRCANGGLCVTPGFCICPPGFF	232
zwIP-1	176	QQAECPCGCRNGGFCNERRVCEBPCDGFYGFHCEKALQIPRCANGGLCVTPGFCICPPGFF	235
mwIP-1	238	GVNCDKANCSTTCFNGGTCFYFGKCICTPPGLEGEQCELSKCPQPCRNNGGKCI GKSKCKP	297
hwIP-1	238	GVNCDKANCSTTCFNGGTCFYFGKCICTPPGLEGEQCELSKCPQPCRNNGGKCI GKSKCKP	297
rwIP-1	238	GVNCDKANCSTTCFNGGTCFYFGKCICTPPGLEGEQCELSKCPQPCRNNGGKCI GKSKCKP	295
xwIP-1	233	GVNCDKANCSTTCFNGGTCFYFGKCICTPPGLEGEQCELSKCPQPCRNNGGKCI GKSKCKP	292
zwIP-1	236	GVNCDKANCSTTCFNGGTCFYFGKCICTPPGLEGEQCELSKCPQPCRNNGGKCI GKSKCKP	295
mwIP-1	298	KGYQGDLC SKPVCEPGCGAHGTCHEPNKQCCREGWHGRHCHNKRIGASIMHAPRPAAGGIE	357
hwIP-1	298	KGYQGDLC SKPVCEPGCGAHGTCHEPNKQCCREGWHGRHCHNKRIGASIMHAPRPAAGGIE	357
rwIP-1	296	-----CERGGGAGHGTCHHEPNKQCCREGWHGRHCHNKRIGASIMHAPRPAAGGIE	343
xwIP-1	293	KGYQGDLC SKPVCEPGCGAHGTCHEPNKQCCREGWHGRHCHNKRIGASIMHAPRPAAGGIE	352
zwIP-1	296	KGYQGDLC SKPVCEPGCGAHGTCHEPNKQCCREGWHGRHCHNKRIGASIMHAPRPAAGGIE	355
mwIP-1	358	RHTPSLKKAEDRRDPPES NYTW	379
hwIP-1	358	RHTPSLKKAEDRRDPPES NYTW	379
rwIP-1	344	RHTPSLKKAEDRRDPPES NYTW	365
xwIP-1	353	RHTPSLKKAEDRRDPPES NYTW	374
zwIP-1	356	SPSVAAAEAPETSQSEINWV	378

10/507343

Docket No. 790086.405USPC
Inventors: Hideo EMA et al.
Express Mail No. EV 449563232US

3/6



Docket No. 790086.405USPC
 Inventors: Hideo EMA et al.
 Express Mail No. EV 449563232US

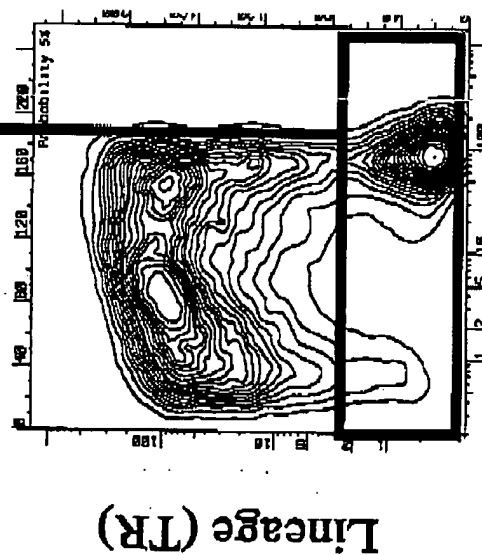
10/507343

Figure 3

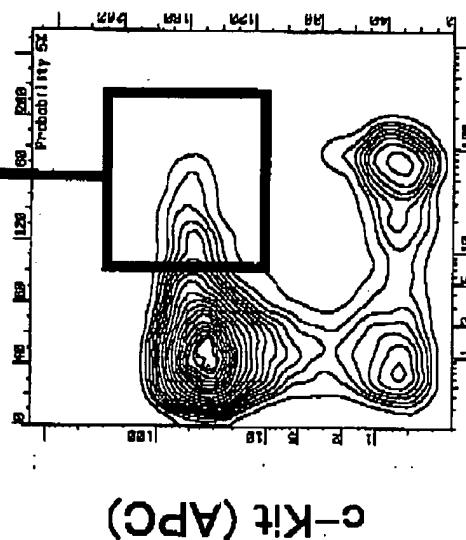
Lin⁻ development

c-Kit⁺ Sca-1⁺ development

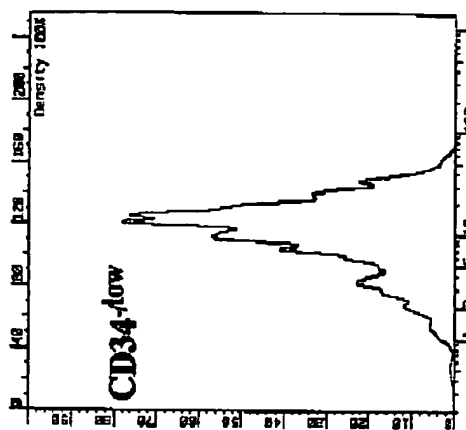
A



B



C



4/6

c-Kit (APC)

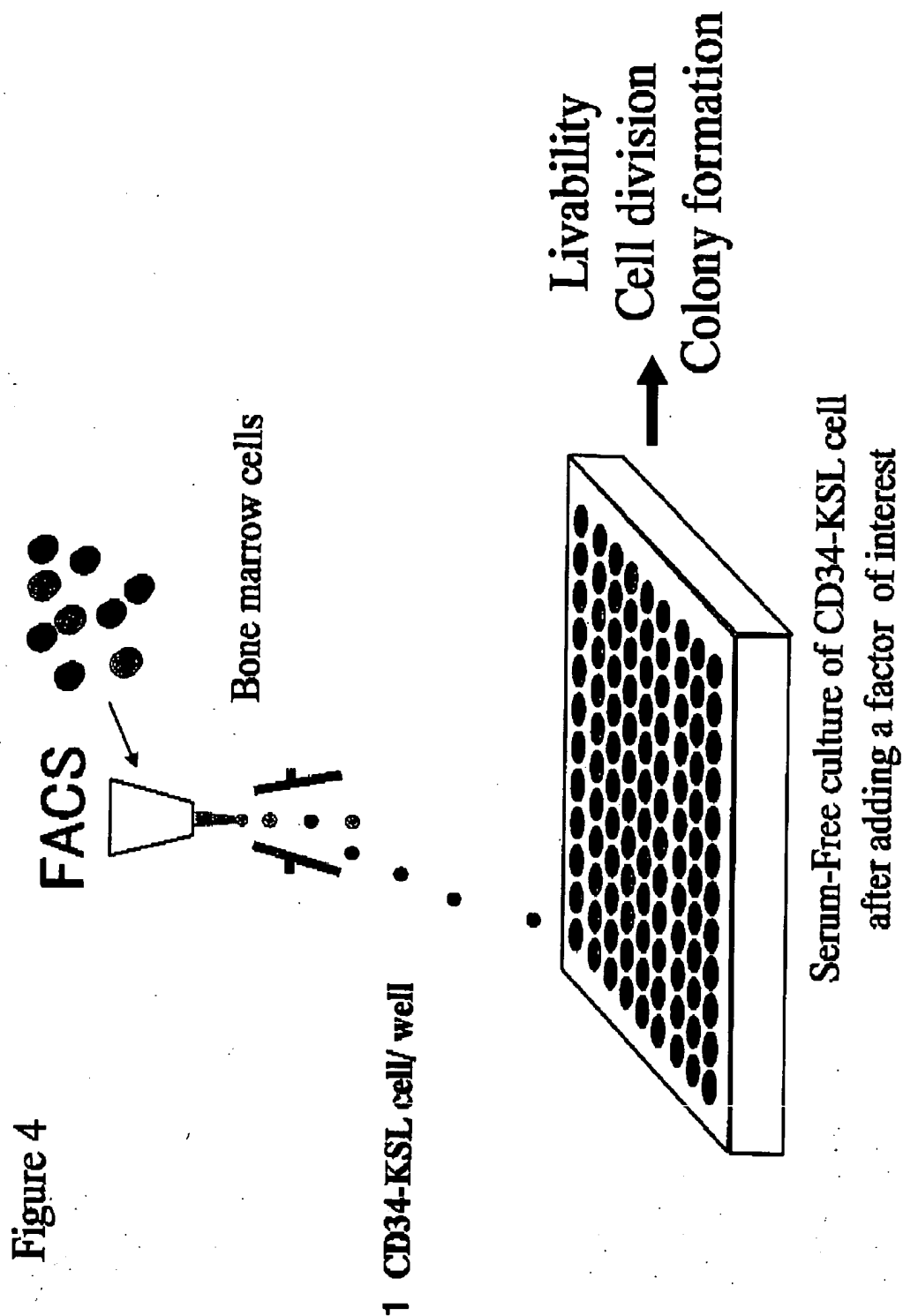
Sca-1 (PE)

CD34 (FITC)

Docket No. 790086.405USPC
Inventors: Hideo EMA et al.
Express Mail No. EV 449563232US

10/507343

5/6



Docket No. 790086.405USPC
Inventors: Hideo EMA et al.
Express Mail No. EV 449563232US

